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<u>September 26, 2003</u>	<u>Luci M. Arevalo</u>	<u><i>Luci M. Arevalo</i></u>	<u>September 26, 2003</u>
Date Mailed	Name	Signature	Date

Attorney's Docket No: 42P15254C

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

David A.G. Deacon

Examiner: Not Yet Assigned

Serial No: Not Yet Assigned

Art Unit: Not Yet Assigned

Filing Date: Concurrently herewith

For: THERMALLY WAVELENGTH TUNABLE
LASERS

Mail Stop Patent Application
Commissioner for Patents
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Sir/Madam:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents listed on thereon. It is respectfully requested that the listed documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

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If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: Sept. 26, 2003


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Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known		
				Application Number	New Patent Application	
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				Art Unit	Not Yet Assigned	
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Sheet	1	of	4	Attorney Docket Number	42P15254C	
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
	1	US-	5,488,681	01/30/1996	Deacon et al.	
	2	US-	2002/0197013 A1	12/26/2002	Liu et al.	
	3	US-	4,358,851	11/09/1982	Scifres et al.	
	4	US-	4,582,390	04/15/1986	Furuya	
	5	US-	4,896,325	01/23/1990	Coldren	
	6	US-	5,379,318	01/03/1995	Weber	
	7	US-	5,497,393	03/05/1996	Lee	
	8	US-	5,652,812	07/29/1997	Gurib et al.	
	9	US-	5,732,102	03/24/1998	Bouadma	
	10	US-	5,748,660	05/05/1998	Delorme et al.	
	11	US-	5,857,039	01/05/1999	Bosc et al.	
	12	US-	6,236,774 B1	05/22/2001	Lackritz et al.	
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FOREIGN PATENT DOCUMENTS							
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	13	RIGOLE, P.J., et al., "State-of-the-art: Widely tunable lasers," <i>SPIE</i> , Vol. 3001, pp. 382-393			
	14	KUNII, T., et al., "Wavelength Tunable Light Source," <i>OKI Technical Review</i> 152, Vol. 61, May 1995, pp. 89-92			
	15	WOODWARD, S.L., et al., "A DBR Laser Tunable by Resistive Heating," <i>IEEE</i> , Vol. 4, No. 12, Dec. 1992, pp. 1330-1332			
	16	KOKUBUN, Y., et al., "Temperature-Independent Optical Filter At 1.55 μ m Wavelength Using A Silica-Based Athermal Waveguide," <i>IMG2</i> 1-3, pp. 93-95			
	17	SARLET, G., et al., "Control of Widely Tunable SSG-DBR Lasers for Dense Wavelength Division Multiplexing," <i>J. of Lightwave Tech.</i> , Vol. 18, no. 8, August 2000, pp. 1128-1129			
	18	SARLET, G. et al., "Wavelength and Mode Stabilization of Widely Tunable SG-DBR and SSG-DBR Lasers," <i>IEEE</i> , Vol. 11, No. 11, November 1999, pp. 1351-1353			
	19	MASON, B., et al., "Design of Sampled Grating DBR Lasers with Integrated Semiconductor Optical Amplifiers," <i>IEEE</i> , Vol. 12, No. 7, July 2000, pp. 762-764			
	20	KAMEDA, T., et al., "A DBR Laser Employing Passive-Section Heaters, with 10.8 nm Tuning Range and 1.6 MHz Linewidth," <i>IEEE</i> , Vol. 5, No. 6, June 1993, pp.608-610			
	21	ISHII, H. et al., "Narrow Spectral Linewidth Under Wavelength Tuning in Thermally Tunable Super-Structure-Grating (SSG) DBR Lasers," <i>IEEE</i> , Vol. 1, No. 2, June 1995, pp. 401-407			
	22	MASON, B., et al., "Tunable Sampled-Grating DBR Lasers with Integrated Wavelength Monitors," <i>IEEE</i> , Vol 10, No. 8, August 1998, pp. 1085-1087			
	23	LIU, H.F., et al., "Generation of Wavelength-Tunable Transform-Limited Pulses from a Monolithic Passively Mode-Locked Distributed Bragg Reflector Semiconductor Laser," <i>IEEE</i> Vol. 7, No. 10, October 1995, pp. 1139-1141			

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	24	JAYARAMAN, V., et al., "Widely Tunable Continuous-Wave InGaAsp/InP Sampled Grating Lasers," <i>Elec. Ltrs.</i> , Vol. 30, No. 18, 09/01/94, pp. 1492-1494				
	25	JAYARAMAN, V., et al., "Extended Tuning Range in Samples Grating DBR Lasers," <i>IEEE</i> , Vol. 5, No. 5, May 1993, pp. 489-491				
	26	LEE, S.L., et al., "Direct Modulation Of Widely Tunable Sampled Grating DBR Lasers," <i>SPIE</i> , Vol. 2690, pp. 223-230				
	27	JAYARAMAN, V., et al., "Demonstration of Broadband Tunability in a Semiconductor Laser Using Sampled Gratings," <i>Appl. Phys. Lett.</i> , Vol. 60, No. 19, May 11, 1992, pp. 2321-2323				
	28	JAYARAMAN, V., et al., "Wide Tunability and Large Mode-Suppression in a Multi-Section Semiconductor Laser Using Sampled Gratings," <i>Integrated Photonics Research</i> , New Orleans, LA, paper no. WF1, pp. 306-307, April 13-16, 1992, pp. 106-107				
	29	JAYARAMAN, V., et al., "Continuous-Wave Operation of Sampled Grating Tunable Lasers with 10 mwatt Output Power, >60nm tuning, and Monotonic Tuning Characteristics," <i>Indium Phosphide Conference</i> , Santa Barbara, CA, paper no. MC2, pp. 33-36, March 1994, pp. 82-85				
	30	OBERG, M., et al., "Complete Single Mode Wavelength Coverage Over 40nm with a Super Structure Grating DBR Laser," <i>J. of Lightwave Tech.</i> , Vol. 13, No. 10, October 1995, pp. 1892-1898				
	31	BOUADMA, N., et al., "Integration of a Laser Diode with a Polymer-Based Waveguide for Photonic Integrated Circuits," <i>IEEE</i> , Vol. 6, No. 10, October 1994, pp. 1188-1190				
	32	DIEMEER, M.B.J., et al., "Polymeric Optical Waveguide Switch Using the Thermo-optic Effect," <i>IEEE</i> , Vol. 7, No. 3, March 1989, pp.449-453				
	33	KACZMARSKI, P., et al., "Design of an Integrated Electro-Optic Switch in Organic Polymers," <i>IEE Proceedings</i> , Vol. 136, Pt.J., No. 3, June 1989, pp. 152-158				
	34	TADA, K., et al., "Temperature Compensated Coupled Cavity Diode Lasers," <i>Optical & Quantum Elect.</i> , 16, 1984, pp. 463-469				

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	35	FURUYA, K., et al., "A Novel Deposit/Spin Waveguide Interconnection (DSWI) for Semiconductor Integrated Optics," <i>IEEE</i> , Vol. QE-18, No. 10, October 1982, pp. 1783-1789			
	36	BARRETT, C., et al., "Photoinscription of Channel Waveguides and Grating Couplers in Azobenzene Polymer Thin Films," <i>SPIE</i> , Vol. 3006, pp. 441-449			
	37	OH, M.C., et al., "Polymeric Wavelength Filters with Polymer Gratings," <i>Appl. Phys. Lett.</i> , Vol. 72, No. 13, March 30, 1998, pp. 1559-1561			
	38	MANOLATOU, C., et al., "High Density Integrated Optics," <i>J. of Lightwave Tech.</i> , Vol. 17, No. 9, Sept. 1999, pp. 1682-1692			
	39	ELDADA, L., et al., "Integrated Multichannel OADM's Using Polymer Bragg Grating MZI's," <i>IEEE</i> , Vol. 10, No. 10, October 1998, pp. 1416-1418			
	40	ELDADA, L., et al., "Thermally Tunable Polymer Bragg Grating OADM's," <i>OFC '99 100C</i> , Technical Digest Conf. Edition, Feb. 25, 1999, pp. 98-100			
	41	ELDADA, L., et al., "Thermo-Optically Active Polymeric Photonic Components," <i>OFC '2000</i> , Technical Digest Series, March 8, 2000, pp. 124-126			

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